

Permit #: 20005

Date Issued: 12-02-74

County: Geney

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 12-15-74

COMMENTS:

Stripped 02-03-81 57

OGC FORMS	Date Received
1	
2	
3	<u>10-11-74</u>
3i	
4	<u>10-11-74</u>
4i	
5	<u>01-13-75</u>
6	<u>01-13-75</u>
7	<u>01-13-75</u>
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data:

MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR The Anschutz Corporation DATE 10-9-74
1110 Denver Club Bldg Denver, Colo 80202
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Mitchell S. Jameson</u>		Well number <u>#1</u>	Elevation (ground) <u>1030 est</u>
WELL LOCATION (give footage from section lines) <u>540</u> ft. from <input checked="" type="checkbox"/> (S) sec. line <u>745</u> ft. from (E) <input checked="" type="checkbox"/> sec. line			
WELL LOCATION Section <u>34</u> Township <u>62N</u> Range <u>32W</u>		County <u>Gentry</u>	
Nearest distance from proposed location to property or lease line: <u>540</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: _____ feet	
Proposed depth: <u>2500</u>	Rotary or Cable tools		Approx. date work will start <u>Nov 11, 1974</u>
Number of acres in lease: <u>120</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>1</u> Number of abandoned wells on lease: <u>0</u>		
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		No. of Wells: producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____		Blanket Bond <input checked="" type="checkbox"/> Amt. <u>30,000</u>	
<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.			
Proposed casing program:		Approved casing - To be filled in by State Geologist	
amt. <u>100</u>	size <u>8 5/8</u>	wt./ft. <u>24 lb</u>	cem. <u>to surf</u>
<u>to T.O.</u>	<u>5 1/2"</u>	<u>15.5 lb</u>	<u>150 5x</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>geologist</u> of the <u>Anschutz Corp.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature <u>Henry Ohlen</u>			

Permit Number: 20005
 Approval Date: 2 DEC 74
 Approved By: Wallace B. Hume

☒ SAMPLES REQUIRED
☐ SAMPLES NOT REQUIRED

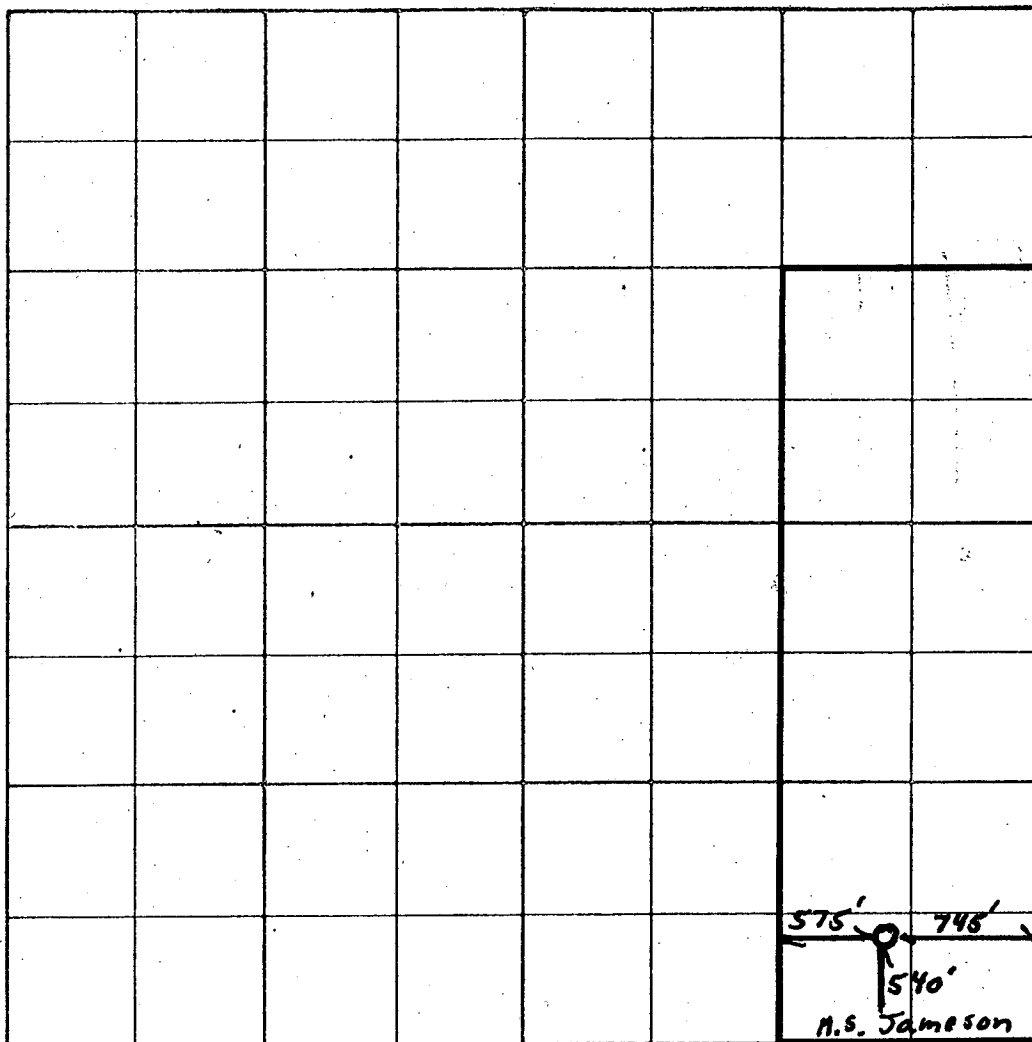
Note: This Permit not transferable to any other person or to any other location.

WATER SAMPLES REQUIRED @:
any DST's

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned.

RECEIVED
 OCT 11 1974
 MO. OIL & GAS COUNCIL

WELL LOCATION PLAT

Owner: The Anschutz CorporationLease Name: Mitchell S. Jameson County: Gentry540 feet from (N) (S) line and 745 feet from (E) (W) line of Sec. 34 Twp. 62N Range 32WSCALE
1" = 1000'

REMARKS:

Walnut Fork Area (#3)

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

(SEAL)

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.

Registered Land Surveyor

RECEIVED
OCT 11 1974
MO. OIL & GAS COUNCIL

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

Owner THE ANSCHUTZ CORPORATION		Address 1110 Denver Club Bldg. Denver, Colorado 80202	
Lease Name JAMESON		Well Number 1	
Location SE SE Sec. 34-62N-32W		Sec. — TWP-Range or Block & Survey	
County Gentry	Permit number (OGC3 number) 20005		
Date spudded 12-6-74	Date total depth reached 12-13-74	Date completed, ready to produce 12-15-74 D&A	Elevation (DF, RKB, RT or Gr.) 1037 est. feet KB
Total depth 2514	P. B. T. D.		
Producing interval(s) for this completion		Rotary bit used (interval) From surface TD Drilling Fluid used Mud	Cable tools used (interval) From _____ to _____
Was this well directionally drilled? NO	Was directional survey made?	Was copy of directional survey filed?	Date filed
Type of electrical or other logs run (list logs filed with the State Geologist) DIL, FDC, CNL Schlumberger			Date filed Forwarded by Schlumberger

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 1/4"	8 5/8"	24	216'	110	None

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
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PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production D & A		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	

Disposition of Gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents:

Pumped below surface casing.

CERTIFICATE: I, the undersigned, state that I am the Prod. Admin. of the Anschutz Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature George Mohr

JAN 13 1975

MO. OIL & GAS COUNCIL

Remit two copies; one will be returned.

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Base Kans. City	495		
Cherokee	670		
Mississippian	1370		
Kinderhook	1672		
Lime Creek	1694		
Hunton	1752		
Maquoketa	2129		
Viola	2170		
Simpson	2397		
St. Peter	2464		
Arbuckle	2478		
No Cores or Tests.			Mud Logging Report forwarded by Core Lab.

737.000

1975

JAN 13 1975

MO. OIL & GAS COUNCIL

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

MISSOURI OIL AND GAS COUNCIL

Form OCC-6

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease JAMESON Date 12-31-74
Well No 1 is located 540 feet from XX (S) line and 745
feet from (E) XXX line of Section 34 Township 62N Range 32W
Gentry County The elevation of the ground at well-site is 1030 est.
feet above sea level.

Name and address of Contractor or Company which will do work is:

Drilling Contractor: Lohman-Johnson Pollution Control, Inc.
1320 Old National Bank Bldg.
Evansville, Indiana 47708

DETAILS OF WORK

(Indicate size, kind, and depth of plugs, where casing will be pulled, other pertinent details)

Well was drilled to TD of 2514 KB and completed as D & A. 8 5/8" 24# surface casing is set at 216 KB.

12-15-74 Set cement plugs as follows:

25 sks. 2480-2400'

25 sks. 1395-1315'

25 sks. 248-168' across base of surface casing.

5 sk. plug in top of surface casing, and top of pipe cut off below plow depth.

CERTIFICATE: I, the undersigned, state that I am the Prod. Admin. of the Anschutz Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

JAN 13 1975

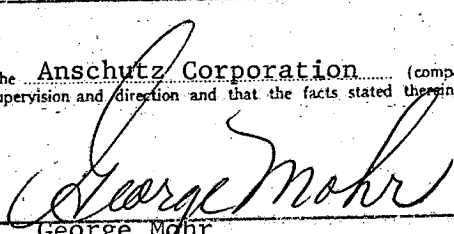
MO. OIL & GAS COUNCIL


Signature George Mohr

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.

**MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD**

Form OGC-7

Owner The Anschutz Corporation		Address 1140 Denver Club Bldg.-Denver, Colo. 80202	
Name of Lease JAMESON		Well No. 1	
Location of Well SE SE Sec. 34-62N-32W		Sec-Twp-Rge or Block & Survey	County Gentry
Application to drill this well was filed in name of The Anschutz Corp.		Has this well ever produced oil or gas No	Character of well at completion (initial production) Oil (bbls/day) Gas (MCF/day)
Date Abandoned: 12-15-74		Total depth 2514	Amount well producing prior to abandonment. Oil (bbls/day) Gas (MCF/day)
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of abandonment		Fluid content of each formation	Depth interval of each formation
			Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)
8 5/8"	216	None	216
Was well filled with mud-laden fluid?		Indicate deepest formation containing fresh water.	
YES		Drift	
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE			
Name	Address		Direction from this well:
See Attached Plat			
Method of disposal of mud pit contents: Pumped below surface casing			
Use reverse side for additional detail.			
File this form in duplicate with			
<p>CERTIFICATE: I, the undersigned, state that I am the Prod. Admin. of the Anschutz Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p align="right">  Signature George Mohr </p>			

JAN 13 1975

MO. OIL & GAS COUNCIL

Remit two copies; one will be returned

JAMESON No. 1

Township 62 N Range 32 W County GENTRY State MISSOURI

5-1-84
REX JAMESON
MO-4201-PP

34

NOTE: The actual location will be:
85' WEST & 120' SOUTH OF C SE 1/4 SE 1/4
OF SECTION 34 - T62N, R32W, S12PM

5-28-84
JAMES H. GIBSON
MO-4201-GGGG

5-8-84
DOUGLAS KEITH JAMESON
MO-4201-CCCC

5-8-84
MITCHELL S. JAMESON
MO-4201-AAA

FORM 45-2

JAN 13 1975

MO. OIL & GAS COUNCIL

(701-060)

#3 - WALNUT FORK AREA

MUD AND CUTTINGS ANALYSIS

THE ANSCHUTZ CORPORATION-NCRA-DOW CHEMICAL CO.

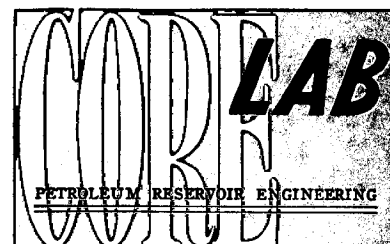
NO. 1 JAMESON

WILDCAT

GENTRY COUNTY, MISSOURI

FEB 19 1975

MO. OIL & GAS COUNCIL



SUMMARY OF WELL DATA

I. WELL DATA

Well Name: Jameson No. 1
Operator: Anschutz Oil Corporation, Dow Chemical, NCRA
Location: SE SE SEC 34-T62N-R32W
Field: Wildcat
Lease: Jameson
Elevation 1036' KB 1030' DF
Surface Casing: 215' 8 5/8"
Drilling Fluid: Water - Surface - 1302
Gel and Chemically Weighted Mud 1302 - 2514
Total Depth: Schlumberger - 2512
Geolograph - 2514
Status: Dry and Abandoned
Geology: Well Site Geology by Charles L. Ard

II. TESTS

No Tests

III. CORES

No Cores

IV. BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Manufacturer</u>	<u>Type</u>	<u>Hrs. Run</u>	<u>Accum. Hrs.</u>	<u>FT/Hr</u>	<u>Wt/1000 lbs.</u>	<u>RPM</u>
1	12 1/4	STC	L-4	28 1/4	28 1/4		5/10	70/100
2	7 7/8	STC	V2HJ	33 1/4	41 1/4	29.3	10/30	70/100
3	7 7/8	STC	F4	63 1/4	104 3/4	20.8	40/45	45

V. DEVIATION SURVEY

<u>Depth</u>	<u>Date</u>	<u>Deviation</u>
115	12-7-74	0°
356	12-8-74	1/2°
468	12-9-74	0°
825	12-9-74	0°
1222	12-10-74	0°
1724	12-10-74	3/4°
2130	12-12-74	3/4°

VI. GEOLOGIC SUMMARY

The subject well was drilled in order to explore oil and/or gas possibilities in south central Gentry County, Missouri. Two previous tests were drilled by the Anschutz Corporation approximately 6 and 12 miles to the north. They were subsequently plugged and abandoned. However, slight shows were encountered in both wells.

The Cherokee was encountered at 670 feet. It was comprised of interbedded shales, silty shales, siltstones, sandstones, coal stringers, and some small limestone lenses. Two notable sands were encountered, the upper from 750'-810' and the lower from 960'-1030'. In both sands there was fair to good porosity and permeability, but no shows of hydrocarbons in either samples or on gas detection equipment. There was, however, a small gas increase on gas detection equipment in the interval from 1090'-1100'. The increase was very small and was completely methane. Schlumberger logs showed the zone to be tight and shaley. There were no further shows.

The Mississippian limestone came in at 1370'. It ranged from tan to light brown, non-crystalline, limestone with poor to very poor porosity, to tan and brown, very fine/crystalline to crystalline, dolomite and limestone with some inter particle or crystalline porosity. There was no evidence for hydrocarbon accumulation.

The top of the Kinderhook shale was encountered at 1672'. The shale was dark grey to green, soft, silty and calcareous. There were no shows.

The Lime Creek was encountered at 1692' and was primarily a tan to grey very fine grained limestone. There were no traces of hydrocarbons.

The Hunton was entered at 1752'. It was predominantly a brown limestone with very little porosity. There were several dolomitic zones with slight inter-crystalline porosity, but no shows were detected.

The top of the Maquoketa was encountered at 2129'. No shows.

The Viola was entered at 2129'. It was a very white, fine to medium crystalline dolomite with several cherty zones. Porosity was in most cases very poor but there were isolated cases of fair to good inter crystalline porosity. There were, however, no shows recorded.

The Lower Viola was encountered at 2302'. It was composed predominantly of white dolomite, mostly with poor to very poor porosity. There were no shows indicated by gas detection instruments, but in the lower part of the interval there was varying amounts of a black tar like residue permeating much of the samples, between dolomite crystals, and in some silty facies near the top of the Simpson. The black substance gave no fluorescence but cut very well with a brilliant white streaming cut.

The Simpson was encountered at 2397'. The black residue that was present in the Lower Viola persisted throughout the upper half of the Simpson. Again the show was only indicated by cut.

The St. Peter was topped at 2464'. It was a poorly consolidated, coarse grained, well rounded sandstone. No shows were recorded.

The Arbuckle was entered at 2478'. It was a white fine to medium crystalline dolomite with poor porosity. No shows were recorded in the 36 feet of Arbuckle that were cut.

VII. INCREASES OF HYDROCARBONS, IN MUD SYSTEM AS INDICATED BY GAS DETECTION INSTRUMENTS

<u>No.</u>	<u>Units</u>		<u>PPM</u>	<u>Depth Encountered</u>
	<u>Total Gas</u>	<u>Chromatograph</u>		
1	1.5	6 Units C ₁	650	1090-1100
2	3	10 Units C ₁	1100	652-664

VIII. FORMATION TOPS

<u>Formation</u>	<u>Samples</u>		<u>Log</u>	
	<u>Depth</u>	<u>Datum</u>	<u>Depth</u>	<u>Datum</u>
Cherokee	480	+ 556	670	+ 366
Mississippian	1379	- 343	1370	- 334
Kinderhook	1684	- 648	1672	- 536
Lime Creek	1700	- 664	1692	- 656
Hunton	1763	- 727	1752	- 716
Maquoketa	2132	-1096	2129	-1093
Viola	2180	-1144	2170	-1134
Lower Viola	2289	-1253	2302	-1266
Simpson	2382	-1346	2397	-1361
St. Peter	2468	-1432	2464	-1428
Arbuckle	2496	-1460	2478	-1442